

# Syntex Eschbach Aquadur

inside and outside Polyurethane

## Construction

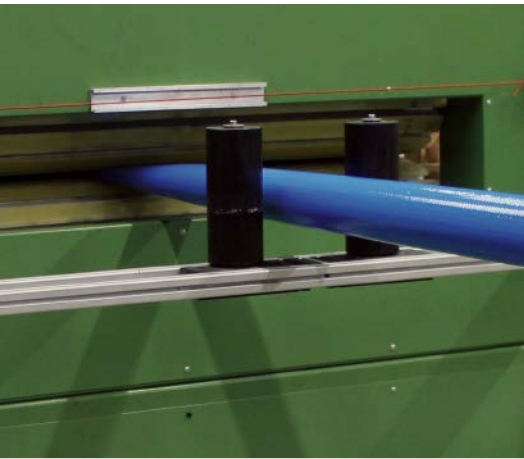
- inside: very smooth for minimum friction loss
- jacket of 100 % high tenacity synthetic polyester yarn, circular woven in special construction for maximum tensile
- completely embedded in high-quality thermoplastic polyurethane (TPU is suitable for drinking water), is forced through the jacket in the extrusion process (standard colour: blue), provides optimum protection of the jacket
- outside: smooth, excellent abrasion resistance

## Feature

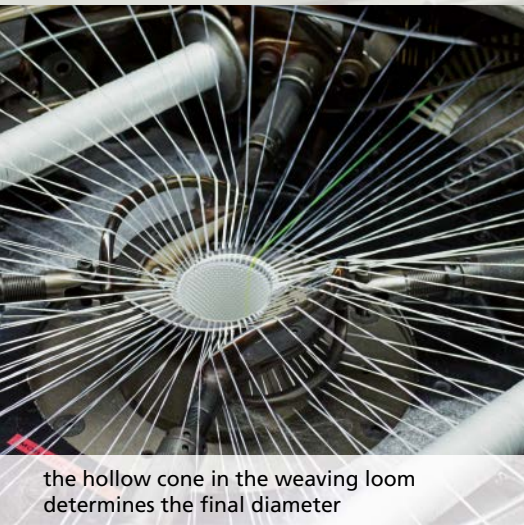
- excellent abrasion resistance and durability  
→ suitable for extreme conditions
- excellent tensile strength
- easy cleaning and disinfection
- extremely resistant to aging and ozone and UV resistant
- temperature resistant from  $-50^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$
- minimum friction loss and minimum elongation

## Approvals/Certificates

- KTW-Approval Cat. A
- DVGW W270
- BS6920-1:2000 (WRAS)



the constant production speed – a must for uniform application of the material



the hollow cone in the weaving loom determines the final diameter



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outside Polyurethane)

## Technical Details

Diameter in Inch	Diameter in mm	Bursting Pressure in bar	Bursting Pressure in PSI	Working Pressure in bar	Working Pressure in PSI	Weight in g/m (+/- 5%)	Weight in lbs/ft (+/- 5%)	Wall Thickness in mm (+/- 0,2 mm)	Theoretical Tensile Strength in kg
<b>Syntex Eschbach Aquadur (inside and outside Polyurethane)</b>									
1	25	50	725	17	250	165	0,430	1,8	1.200
2	52	50	725	17	250	480	0,544	2,6	3.700
2 1/2	65	50	725	17	250	650	0,739	2,6	5.700
3	75	50	725	17	250	790	0,840	2,8	6.500
4	102	40	580	14	205	1.300	0,974	3,0	9.000
5	127	30	435	12	175	1.600	1,075	3,0	12.000
6	152	30	435	12	175	1.950	1,310	3,0	15.000

The data regarding bursting pressure and working pressure refer only to the pure hose without couplings. Changes in technical specification without prior notice.



### Applications

suitable for municipal water, drinking water emergency, drinking water acquisition, food industry, technical support